

^{101}Y $Z = 39$ $N = 62$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 849.746 (0.007) MeV

Qbeta- = 8.106 (0.011) MeV

	Energy T	J+	J-	J-other	T1/2
101Y 1				0.000 (5/2+)	1 0.45 S 2
101Y 2				0.128 (7/2+)	2
101Y 3				0.292 (9/2+)	3
101Y 4				0.494 (11/2+)	4
101Y 5				0.511 (3/2-)	5
101Y 6				0.590 (5/2-)	6
101Y 7				0.667 (5/2-)	7
101Y 8				0.714 (7/2-)	8
101Y 9				0.725 (13/2+)	9
101Y 10				0.822 (7/2-)	10

101Y 11				0.873 (9/2-)	11
101Y 12				0.891 (1/2-)	12
101Y 13				0.997 (3/2-)	13
101Y 14				1.001 (15/2+)	14
101Y 15				1.013 (9/2-)	15
101Y 16				1.027 (5/2-)	16
101Y 17				1.125 (5/2+)	17
101Y 18				1.191	18
101Y 19				1.211 (3/2+)	19
101Y 20				1.217 (1/2+)	20

101Y 21				1.234 (3/2+)	21
101Y 22				1.259 (7/2+)	22
101Y 23				1.291 (17/2+)	23
101Y 24				1.298 (5/2+)	24
101Y 25				1.411 (7/2+)	25
101Y 26				1.418 (5/2+)	26
101Y 27				1.479	27
101Y 28				1.518 (5/2+)	28
101Y 29				1.639 (19/2+)	29
101Y 30				1.685 (3/2+)	30

101Y 31				1.762 (5/2+)	31
101Y 32				1.872	32
101Y 33				1.994 (21/2+)	33
101Y 34				2.259	34
101Y 35				2.396 (23/2+)	35
101Y 36				2.661 (5/2+)	36
101Y 37				2.675	37

101Y	38				2.680		38
101Y	39				2.694	(5/2+)	39
101Y	40				2.696		40

S-p = 12.526 (0.010)-----
S-n = 5.805 (0.013)-----
S-2p = 28.512 (0.008)-----
S-2n = 10.554 (0.010)-----
S-alpha= 8.961 (0.007)-----

S+p = -13.816 (0.011)
S+n = -4.189 (0.008)
S+2p = -24.552 (0.008)
S+2n = -9.545 (0.013)
S+alpha = -7.286 (0.008)

gap p = -1.289 (0.015)
gap n = 1.616 (0.016)
gap 2p = 3.960 (0.011)
gap 2n = 1.009 (0.016)
gap alpha = 1.675 (0.011)